

HHP



EXTERNAL MOTOR, SPLIT CASING FOR MAINTENANCE, VARIABLE PITCH BLADES

MANUFACTURING FEATURES:

- Long cased fan.
- Transmission ball bearings set inside a sealed box manufactured in steel or cast aluminium. Ball bearings permanently greased.
- Cast aluminium impeller with variable pitch angle in origin.
- Epoxy powder finishing coat.
- Standard asynchronous squirrel-cage motor with IP-55 protection and Class F insulation. Manufactured with standard voltages: 230V 50Hz in single phase motors and 230/400V 50Hz in three phase motors, up to 4kW and 400/690V 50Hz for higher powers.
- Fan opening option (180°) for easier maintenance and no need of disassembly from the installation.

Accessories



AC



BA-400



FILTRO
EMC



INT



PC2



PCP



RP



SFC

APPLICATIONS:

Designed for inline installation, they are suitable for:

- Air renewal in buildings and industries.
- Extraction of hot air up to 110°C.
- Maximum working temperature: carried air: 110°C, ambient 60°C.

UNDER REQUEST:

- Supply impeller (air direction from impeller to motor),
- Reversible impeller.
- Polyamide impeller.
- 60Hz fans and special voltages
- 2 speed motors.
- Stainless steel housing.

Technical data

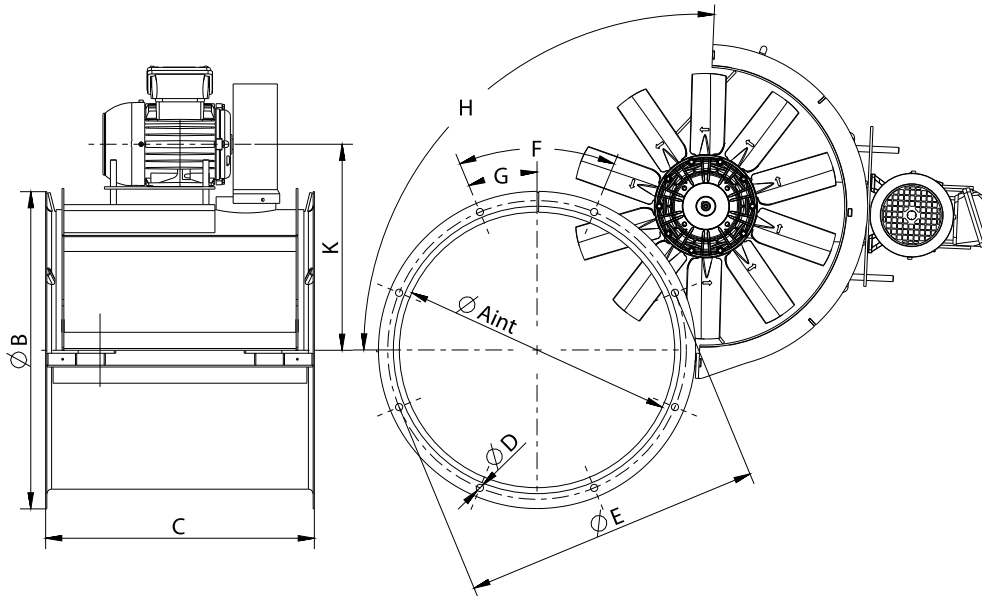
Three-phase motor / 4 poles

Code	Model	R.P.M.	Rated I. (A) 400V	Rated power kW	Max. Airflow m3/h	Sound db (A)*	Weight	Connect. diagram
264340161	HHP 45 T4 0,37kW	1400	1,07	0,37	6.290	61	36	1
264380160	HHP 56 T4 0,55kW	1400	1,49	0,55	8.680	67	36	1
264380161	HHP 56 T4 0,75kW	1390	1,63	0,75	10.940	59	36	1
264390160	HHP 56 T4 1,1kW	1400	2,49	1,10	12.040	58	39	1
264400160	HHP 63 T4 1,1kW	1400	2,49	1,10	14.010	59	59	1
264420160	HHP 71 T4 1,1kW	1400	2,49	1,10	15.970	63	74	1
264420161	HHP 71 T4 1,5kW	1400	3,26	1,50	18.980	67	77	1
264440160	HHP 90 T4 3kW	1430	6,17	3	29.940	67	113	1
264450161	HHP 90 T4 5,5kW	1440	10,5	5,50	32.510	78	132	1

Notes:

* Total sound pressure level at the point of maximum flow measured in dB(A) in the suction measured in free field at a distance of 6m from the source

Dimensions

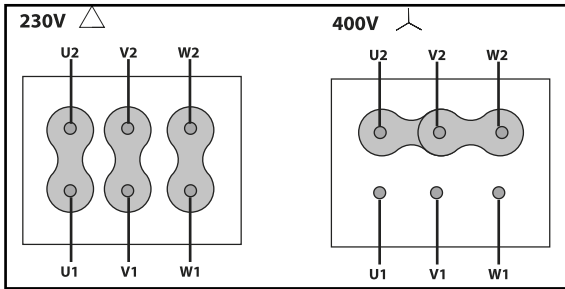


Model	AØ	BØ	C	DØ	E	F	G	H	K màx
HHP 45 T4 0,37kW	460	530	450	12	500	8x45°	22,5°	110°	355
HHP 56 T4 0,55kW	560	650	482	12	620	12x30°	15°	110°	406
HHP 56 T4 0,75kW	560	650	482	12	620	12x30°	15°	110°	406
HHP 56 T4 1,1kW	560	650	482	12	620	12x30°	15°	110°	406
HHP 63 T4 1,1kW	630	720	550	12	690	12x30°	15°	110°	440
HHP 71 T4 1,1kW	715	800	550	12	770	16x22,5°	11,25°	110°	488
HHP 71 T4 1,5kW	715	800	550	12	770	16x22,5°	11,25°	110°	488
HHP 90 T4 3kW	905	1002,5	695	12	970	22,5	11,25	92,5°	652
HHP 90 T4 5,5kW	905	1002,5	695	12	970	22,5	11,25	92,5°	652

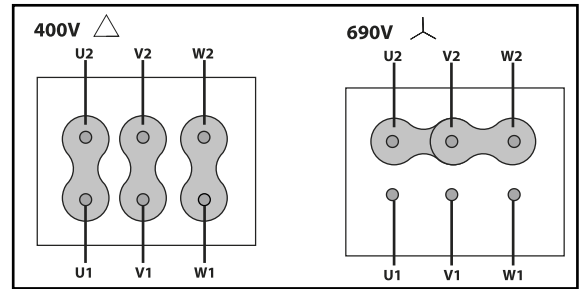
Wiring diagram

DIAGRAM Nº 1

230/400V



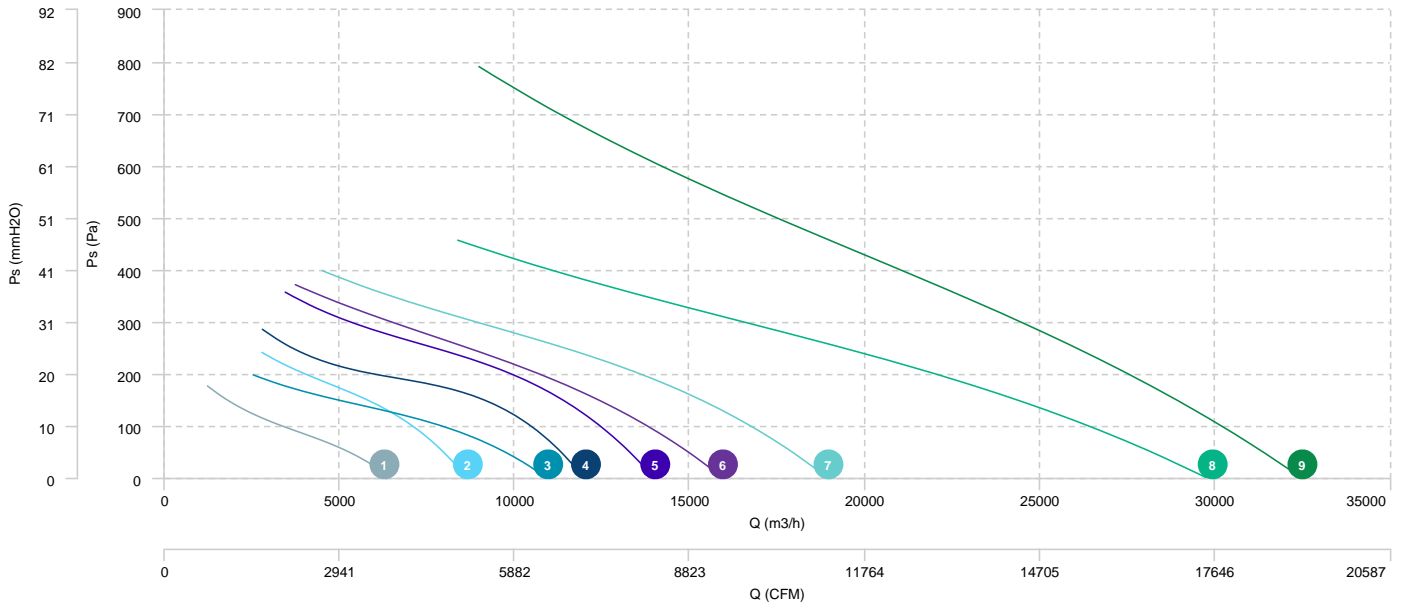
400/690V



CHARACTERISTIC CURVE

1	HHP 45 T4 0,37kW	2	HHP 56 T4 0,55kW	3	HHP 56 T4 0,75kW	4	HHP 56 T4 1,1kW
5	HHP 63 T4 1,1kW	6	HHP 71 T4 1,1kW	7	HHP 71 T4 1,5kW	8	HHP 90 T4 3kW
9	HHP 90 T4 5,5kW						

AIR FLOW - PRESSURE



Sound data

Sound / 4 poles

		Sound power Lw dB (A)								
Model		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Total
HHP 45 T4 0,37kW	Inlet	46	64	76	81	83	77	70	65	87
HHP 56 T4 0,55kW	Inlet	58	71	82	88	87	79	79	70	93
HHP 56 T4 0,75kW	Inlet	46	64	76	80	80	77	71	62	85
HHP 56 T4 1,1kW	Inlet	46	63	75	80	80	77	70	62	84
HHP 63 T4 1,1kW	Inlet	46	64	76	80	80	77	71	62	85
HHP 71 T4 1,1kW	Inlet	50	67	79	84	85	81	75	66	89
HHP 71 T4 1,5kW	Inlet	55	71	84	88	88	85	78	70	93
HHP 90 T4 3kW	Inlet	56	71	84	88	88	86	79	71	93
HHP 90 T4 5,5kW	Inlet	66	83	95	99	99	96	90	81	104